MYCOLOGIA

OFFICIAL ORGAN OF THE MYCOLOGICAL SOCIETY OF AMERICA

VOLUME XXXIV, 1942

Consisting of I-IV+724 Pages,
Including Figures, 1 Portrait and Colored Illustration

R +34 1942

tok

TABLE OF CONTENTS

No. 1. January-February	
Georgia Pyrenomycetes III, J. H. MILLER AND GWENDOLYN BURTON	1
Spore ornamentation of some American Russulae and a new species of Lactaria, Gertrude S. Burlingham	8
Studies in the Gasteromycetes IV. A new species of Geaster, W. H.	
A species of Poria causing rot and cankers of hickory and oak, W. A.	13
CAMPBELL AND ROSS W. DAVIDSON	17
Plakidas	27
Variations of specific and varietal character induced in an isolate of Brevilegnia, S. B. Salvin	38
The morphological distinction between Urocystis Gladioli and Papula-	
spora Gladioli, H. H. Hotson	52 59
Phacidium nigrum, Edith K. Cash	64
Root rot of Chamaecyparis caused by a species of Phytophthora, C. M.	04
TUCKER AND J. A. MILBRATH	94
A new fungous parasite on dung-inhabiting Ascomycetes, MARION A. LOHMAN.	104
	112
No. 2. MARCH-APRIL	
Plectania coccinea, FRED J. SEAVER	119
The spherical gall rust of Jack Pine, RENE POMERLEAU	120
Studies on the Ustilaginales of the world II, GEORGE L. ZUNDEL	123
Studies in the Gasteromycetes V. A White Simblum, W. H. Long	128
Clamp Connections in the Tremender, or Tremender,	132
Non-validity of the genus Asporomyces, E. M. MRAK, H. J. PHAFF AND	
21 21 21 21 21 21 21 21 21 21 21 21 21 2	139
Ptychogaster cubensis, a wood-decaying fungus of southern oaks and	
waxmyrtle, Ross W. Davidson, W. A. Campbell and George F.	112
	142
Studies in the genus Helotium. I. A review of the species described	154
	154
Detailed on bonne Carrier and any and a second seco	180
	193 209
Continuity in the cycle of the general formation of the continuity in the cycle of	214
410100 tills 14100 til 41000 til	214
No. 3. May-June	
A Laschia on cabbage palmetto, VERA K. CHARLES	
A new Monoblepharella from Mexico, Leland Shanor	
Notes on the Mycetozoa-VI, ROBERT HAGELSTEIN	248

Mycological Notes. VI, C. L. SHEAR	263
New species of Acaulopage and Cochlonema destructive to soil amoebae, CHARLES DRECHSLER	
Photographs and descriptions of cup-fungi-XXXVI. A new species	
and genus, Fred J. Seaver	298
Conjugate nuclear division in the fungi, B. O. Dodge	302
Indian and Burman species of the genera Pestalotia and Monochaetia, B. B. Mundkur and K. F. Kheswalla	308
Elsinoë in Uganda, Anna E. Jenkins and A. A. Bitancourt	318
A new yellow Lepiota, VERA K. CHARLES	322
The inheritance of induced mutations in Neurospora tetrasperma, Walter	
Scott Malloch	325
Notes and brief articles	348
No. 4. July-August	
Some problems in fungus phylogeny, Ernst A. Bessey	
The mycorrhiza of Zeuxine strateumatica, John N. Porter	
Some species of Papulaspora associated with rots of Gladiolus bulbs,	
H. H. Hotson	
Two cases of unusual development of fruit bodies, CLYDE M. CHRISTENSEN	
New proposals relating to the genera of the Boletaceae, Walter H. Snell	403
Photographs and descriptions of cup-fungi-XXXVII. Pezicula pur-	440
purascens, Fred J. Seaver	
Studies in the genus Tricholoma—I, WALKER R. ARDE, JR	
Chromoblastomycosis, A. L. CARRION	
Polychytrium: a new Cladochytriaceous genus, LIBERO AJELLO	
Coccidioidomycosis, C. W. Emmons	452
Revisionary studies in the Coryneliaceae, HARRY MORTON FITZPATRICK.	404
No. 5. September-October	
Revisionary studies in the Coryneliaceae. II. The genus Caliciopsis,	
HARRY MORTON FITZPATRICK	489
Contributions to the mycoflora of Bermuda—III, F. J. Seaver and J. M.	
WATERSTON	
Ciliospora albida, H. H. WHETZEL	525
Studies in the Gasteromycetes VI, W. H. Long	532
Notes on Araiospora streptandra, Leland Shanor and Lindsay S. Olive	
Two new chytrid genera, ALMA J. WHIFFEN	
Notes on Oklahoma Cercosporae—II, W. WINFIELD RAY Fungi of southern California. I, PAUL MARSHALL REA	558
	575
Notes on fungi previously unreported from Missouri, J. B. ROUTIEN	
A new genus and new species of brown-spored inoperculate discomycete	
from Panama, H. H. WHETZEL	
Notes and brief articles	592
No. 6. November-December	
Joseph Charles Arthur (1850–1942), Edwin B. Mains	601
Distribution patterns in Melampsorella in the national forests and parks	606

TABLE OF CONTENTS

A taxonomic study of the genus Hansenula, C. L. BEDFORD	628
Some additional species of Ceratostomella in the United States, Ross W.	
Davidson	650
Some new and interesting fungi from Mount Shasta, LEE BONAR AND	
WM. BRIDGE COOKE	663
Revisionary studies in the tropical American rusts of Panicum, Paspalum	
and Setaria, George B. Cummins	669
Taxonomic notes on Myxomycetes, G. W. MARTIN	696
Notes and brief articles	705
Mycological Society of America	706
I I VI VVVIV	700



